

2019 Code Cycle - Locally Adopted Energy Ordinances

Jurisdiction	Ord. Type	Council Adopted Date	CEC Approval Date	Single Family and Low-rise Multifamily Requirement	High-rise Multifamily Requirement	Nonresidential Requirement	Cost-effectiveness Study	Municipal Code Link	Ordinance
Berkeley	EE	12/3/2019	2/20/2020	<u>New:</u> All-electric OR Mixed Fuel, Total EDR margin \geq 10 AND electric-ready	<u>New HRR/Hotel:</u> All-electric OR Mixed-Fuel and >10% compliance margin	<u>New:</u> All-electric OR Mixed-Fuel: 10% compliance margin AND electric-ready Exception: Labs, industrial, manufacturing occupancies	2019 LR Res NC / 2019 Non Res NC	19.36.040	Ord. No 7,678-N.S.
	PV	12/3/2019	2/20/2020	N/A	<u>New:</u> PV system to fill solar zone (>15% of roof area) as defined in Sec. 110.10	<u>New:</u> PV system to fill solar zone (>15% of roof area) as defined in Sec. 110.10		19.36.100.3	
Brisbane	PV	12/12/2019	2/20/2020	N/A (see All-electric sheet)	<u>New:</u> PV of 3 kW min. for < 10,000 sq. ft. and 5 kW min. for > 10,000 sq. ft OR Solar thermal	<u>New:</u> PV of 3 kW min. for < 10,000 sq. ft. and 5 kW min. for > 10,000 sq. ft OR Solar thermal	2019 LR Res NC / 2019 Non Res NC	15.81.050	Ord. No. 643
Carlsbad	EE	3/12/2019	8/14/2019	<u>New:</u> HPWH OR solar thermal <u>Adds/Alts:</u> > \$60k: Presc. measures	<u>New:</u> HPWH OR increased solar fraction	<u>New:</u> Electric water heating OR solar thermal > 0.4 SF	Carlsbad Energy Conservation Ordinance CE Study	18.30.170	Ord. No. CS-348
	PV	3/12/2019	8/14/2019	N/A	<u>New/Alt:</u> 15 kW per 10,000 s.f.; min 5kW for < 10,000 s.f.	<u>New/Alt:</u> PV that offsets 80%; 15 kW per 10,000 s.f.; min 5kW for < 10,000 s.f.	2016 NR New Construction	18.30.130	Ord. No. CS-347
Davis	EE	10/8/2019	1/22/2020	<u>New SF:</u> All-electric OR Mixed Fuel, EDR margin of 9.5; <u>New LR MF:</u> Mixed fuel, EDR margin of 10; electric-ready	N/A	N/A	2019 LR Res New Construction	8.01.092	Ord. No. 2565

2019 Code Cycle - Locally Adopted Energy Ordinances

Jurisdiction	Ord. Type	Council Adopted Date	CEC Approval Date	Single Family and Low-rise Multifamily Requirement	High-rise Multifamily Requirement	Nonresidential Requirement	Cost-effectiveness Study	Municipal Code Link	Ordinance
Hayward	EE	3/17/2020	6/10/2020	N/A (see All-electric sheet)	<u>New</u> : All-electric OR 10% compliance margin	<u>New</u> : All-electric OR 10% compliance margin (15% for Office/Retail)	2019 LR Res NC / 2019 Non Res NC	9-1.02	Ord. No. 20-05
	PV	3/17/2020	6/10/2020	N/A (see All-electric sheet)	<u>New</u> : PV system to fill solar zone (>15% of roof area) as defined in Sec. 110.10	<u>New</u> : PV system to fill solar zone (>15% of roof area) as defined in Sec. 110.10			
Los Angeles County	EE	11/26/2019	4/8/2020	<u>New and Re-roof</u> : Low-slope Aged Refl. ≥ 0.65 , TE ≥ 0.85 , SRI ≥ 78 Steep-slope: Aged Refl. ≥ 0.25 , TE > 0.85 , SRI ≥ 20	<u>New and Re-roof</u> : Low-slope Aged Refl. ≥ 0.65 , TE ≥ 0.75 , SRI ≥ 78 Steep-slope: Aged Refl. ≥ 0.25 , TE > 0.75 , SRI ≥ 20	<u>New and Re-roof</u> : Low-slope Aged Refl. ≥ 0.68 , TE ≥ 0.85 , SRI ≥ 82 Steep-slope: Aged Refl. ≥ 0.28 , TE > 0.85 , SRI ≥ 27	2016 Cool Roofs	Title 31	Ord. No. 2019-0061
Marin County	EE	10/8/2019	12/11/2019	<u>New</u> : All-electric OR Limited Mixed-Fuel prewire for induction, EE EDR Margin ≥ 3 OR Mixed-Fuel, pre-wire for induction, EE EDR Margin ≥ 3 and Total EDR Margin ≥ 10	<u>New</u> : All-electric OR Limited Mixed-Fuel: 5% compliance margin, prewired for induction OR Mixed-Fuel: 10% compliance margin, pre-wired for induction	<u>New</u> : All-electric OR Limited Mixed-Fuel: 5% compliance margin, prewired for induction OR Mixed-Fuel: 10% compliance margin, pre-wired for induction	2019 LR Res NC / 2019 Non Res NC	19.04 Subchapter 2 - Green Building Requirements	Ord. No. 3712
	EV	10/8/2019	12/11/2019	Requires service panel capacity for Level 2 EV charging (240v)	EV readiness infrastructure required	EV readiness infrastructure required			
Menlo Park	PV	9/24/2019	12/11/2019	N/A (see All-electric sheet)	<u>New</u> : PV of 3 kW min. for < 10,000 sq. ft. and 5 kW min. for > 10,000 sq. ft. (some exceptions)	<u>New</u> : PV of 3 kW min. for < 10,000 sq. ft. and 5 kW min. for > 10,000 sq. ft. (some exceptions)	2019 LR Res NC / 2019 Non Res NC	12.16.110.10	Ord. No. 1057
Mill Valley	EE	11/18/2019	4/8/2020	<u>New</u> : All-electric OR Limited Mixed-Fuel: prewire for induction, with EE EDR Margin ≥ 3 OR Mixed-Fuel, pre-wire for induction, EE EDR Margin ≥ 3 and Total EDR Margin ≥ 10	<u>New</u> : All-electric OR Limited Mixed-Fuel: 5% compliance margin, prewired for induction OR Mixed-Fuel: 10% compliance margin, pre-wired for induction	N/A	2019 LR Res NC / 2019 Non Res NC	Chapter 14.48	Ord. No. 1313

2019 Code Cycle - Locally Adopted Energy Ordinances

Jurisdiction	Ord. Type	Council Adopted Date	CEC Approval Date	Single Family and Low-rise Multifamily Requirement	High-rise Multifamily Requirement	Nonresidential Requirement	Cost-effectiveness Study	Municipal Code Link	Ordinance
Milpitas	EE	12/3/2019	2/20/2020	<u>New:</u> All-electric OR Elec. Space and Water Heat: Eff. EDR Margin of 2 for SF and 1 for MF Mixed-Fuel: Total EDR Margin of 10 for SF and 11 for MF; AND electric-ready	<u>New HR MF/ Hotel:</u> All-electric OR > 6% compliance margin AND electric-ready	<u>New:</u> All-electric OR Office & Retail: >14% compliance margin; Industrial/ Manufacturing + 0%; All other NR occupancies > 6% compliance margin; AND electric-ready	2019 LR Res NC / 2019 Non Res NC	Chapter 11.2.02	Ord. No. 65 148
	PV	12/3/2019	2/20/2020	N/A	N/A	<u>New:</u> PV of 3 kW min. for < 10,000 sq. ft. and 5 kW min. for > 10,000 sq. ft.		Chapter 11.2.02	
Mountain View	PV	11/12/2019	2/20/2020	N/A (see All-electric sheet)	<u>New:</u> PV on 50% of roof area	<u>New:</u> PV on 50% of roof area	2019 LR Res NC / 2019 Non Res NC	SEC. 8.20	Ord. No. 17.19
	EV	11/12/2019	2/20/2020	<u>New:</u> Level 1 circuit + Level 2 EV-Ready	<u>New Multi-Unit/ Mixed Use:</u> 15% EV2 installed + 85% EV-Ready + Level 3 for every 100 spaces	<u>New + Hotel/Motel:</u> installed per CALGreen Tier 2 (Table A5.106.5.3.2)		SEC. 8.20	Ord. No. 17.19
Pacifica	PV	11/25/2019	4/8/2020	N/A (see All-electric sheet)	PV of 3 kW min. for < 10,000 sq. ft. and 5 kW min. for > 10,000 sq. ft.	PV of 3 kW min. for < 10,000 sq. ft. and 5 kW min. for > 10,000 sq. ft.	2019 LR Res NC / 2019 Non Res NC	Section 8-6.01	Ord. No. 852-CS
Palo Alto	EE	12/2/2019	2/20/2020	N/A (see All-electric sheet)	<u>New:</u> All-electric OR > 5% compliance margin AND electric-ready	<u>New:</u> All-electric OR Office & Retail: >12% compliance margin; Industrial/ Manufacturing + 0%; All other NR occupancies > 5% compliance margin; AND electric-ready	2019 LR Res NC / 2019 Non Res NC	Chapter 16.17.80	Ord. No. 5485
	PV	12/2/2019	2/20/2020	N/A	<u>New:</u> PV system to fill solar zone (>15% of roof area) as defined in Sec. 110.10	<u>New:</u> PV system to fill solar zone (>15% of roof area) as defined in Sec. 110.10		Chaprer 16.17.70	

2019 Code Cycle - Locally Adopted Energy Ordinances

Jurisdiction	Ord. Type	Council Adopted Date	CEC Approval Date	Single Family and Low-rise Multifamily Requirement	High-rise Multifamily Requirement	Nonresidential Requirement	Cost-effectiveness Study	Municipal Code Link	Ordinance
Richmond	PV	3/3/2020	6/10/2020	N/A (see All-electric sheet)	<u>New:</u> PV of 3 kW min. for < 10,000 sq. ft. and 5 kW min. for > 10,000 sq. ft. Alternative: Solar thermal ≥ 40 sq.ft. collector area	<u>New:</u> PV of 3 kW min. for < 10,000 sq. ft. and 5 kW min. for > 10,000 sq. ft. Alternative: Solar thermal ≥ 40 sq.ft. collector area	2019 LR Res NC / 2019 Non Res NC	Chapter 6.02.100	Ord. No. 06-20 NS
San Francisco	EE	1/7/2020	4/8/2020	<u>New:</u> All-electric OR Mixed Fuel, Total EDR Score ≤ 14	<u>New HRR/Hotel:</u> All-electric OR Mixed-Fuel and >10% compliance margin	<u>New:</u> All-electric OR Mixed-Fuel: 10% compliance margin AND electric-ready Exception: Labs, industrial, manufacturing	2019 LR Res NC / 2019 Non Res NC	Section 4.201.3 Section 5.201.3	Ord. No 003-20
San Jose	EE	10/1/2019	12/11/2019	N/A (see All-electric sheet)	<u>New HR MF/ Hotel:</u> All-electric OR > 6% compliance margin and electric-ready	<u>New:</u> All-electric OR Office & Retail: >14% compliance margin; Industrial/ Manufacturing + 0%; All other NR occupancies > 6% compliance margin; and electric-ready	2019 LR Res NC / 2019 Non Res NC	24.12.100	Ord. No. 30311
	EV	10/1/2019	12/11/2019	<u>New:</u> EV charging readiness and/or electric vehicle service equipment (EVSE)	<u>New:</u> EV charging readiness and/or electric vehicle service equipment (EVSE)	<u>New:</u> EV charging readiness and/or electric vehicle service equipment (EVSE)		24.10.200	Ord. No. 30311
San Luis Obispo	EE	7/7/2020		<u>New SF:</u> All-electric OR Mixed Fuel, EDR margin of 9; <u>New LR MF:</u> Mixed fuel, EDR margin of 9.5 AND electric-ready	<u>New:</u> All-electric OR Hotel/HRR > 9% compliance margin; AND electric-ready	<u>New:</u> All-electric OR Office/Retail 15% compliance margin, Others 5% compliance margin AND electric ready	2019 LR Res NC / 2019 Non Res NC	Chapter 15.50	Ord. No. 1684
	PV	7/7/2020		N/A	<u>New:</u> PV system to fill solar zone (>15% of roof area) as defined in Sec. 110.10	<u>New:</u> PV system to fill solar zone (>15% of roof area) as defined in Sec. 110.10		Chapter 15.04.110	Ord. No. 1684

2019 Code Cycle - Locally Adopted Energy Ordinances

Jurisdiction	Ord. Type	Council Adopted Date	CEC Approval Date	Single Family and Low-rise Multifamily Requirement	High-rise Multifamily Requirement	Nonresidential Requirement	Cost-effectiveness Study	Municipal Code Link	Ordinance
San Mateo (City)	EE	9/3/2019	12/11/2019	<u>New SF and Duplexes:</u> All-electric OR min Eff. EDR reduction of 2.5	N/A	<u>New Office Buildings:</u> All-electric OR Mixed-Fuel + 10% compliance margin	2019 LR Res NC / 2019 Non Res NC	23.23.040	Ord. No. 2019-9
	PV			Prewire PV system for expansion to all-electric design	<u>New:</u> PV: ≥ 3 kW. Alternative: Solar thermal ≥ 40 sq ft collector area	<u>New:</u> <10,000 s.f.: min. 3 kW PV; 10,000+ s.f.: 5 kW PV Alternative: Solar thermal ≥ 40 s.f. collector area	2019 LR Res NC / 2019 Non Res NC	23.24.030	Ord. No. 2019-9
San Rafael	EE	11/18/2019	4/8/2020	<u>New:</u> CALGreen Tier 1: Mixed fuel, EDR ≥ 10, All-elec EDR ≥ 14	<u>New:</u> CALGreen Tier 1 (5% compliance margin)	<u>New:</u> CALGreen Tier 1 (10% compliance margin)	2019 LR Res NC / 2019 Non Res NC	Chapter 12.100	Ord. No. 1974
Santa Monica	EE	9/24/2019	12/11/2019	<u>New:</u> All-electric OR Mixed-Fuel with CalGreen Tier 1	<u>New HRR/Hotel:</u> All-electric OR Mixed-Fuel and >5% compliance margin	<u>New:</u> All-electric OR Mixed-Fuel and >10% compliance margin	2019 LR Res NC / 2019 Non Res NC	8.36.020	Ord. No. 2617
	PV			<u>Major Additions:</u> PV system 1.5 watts per sq. ft.	<u>New and Major Additions:</u> 2 watts per sq. ft.	<u>New and Major Additions:</u> 2 watts per sq. ft.	2019 LR Res NC: PV + Additions Addendum	8.106.055	Ord. No. 2617
West Hollywood	EE, Cool Roofs	8/19/2019	12/11/2019	<u>New or Alteration</u> > 10,000 sq. ft.: PV to offset 15% of usage OR solar thermal with min. .5 solar fraction OR vegetative roof covering min. 30%	<u>New or Alteration</u> > 10,000 sq. ft.: PV to offset 15% of usage OR solar thermal with min. .5 solar fraction OR vegetative roof covering min. 30%	<u>New or Alteration</u> > 10,000 sq. ft.: PV to offset 15% of usage OR solar thermal with min. .5 solar fraction OR vegetative roof covering min. 30%	2019 NR+ Retrofits PV / 2019 Non Res NC	19.20.060	Ord. No. 19-1072

This report was prepared for the California Statewide Codes & Standards Program. The program is funded by California utility customers and administered by Pacific Gas and Electric Company, San Diego Gas & Electric Company (SDG&E®), Southern California Gas Company, and Southern California Edison Company under the auspices of the California Public Utilities Commission and in support of the California Energy Commission.

© 2020 Pacific Gas and Electric Company, San Diego Gas and Electric Company, Southern California Gas Company and Southern California Edison.
All rights reserved, except that this document may be used, copied, and distributed without modification

2019 Code Cycle - Locally Adopted All-Electric Only Ordinances

Jurisdiction	Ord. Type	Council Adopted Date	CEC Approval Date	Scope			Municipal Code Link	Ordinance
				Single Family and Low-rise Multifamily	High-rise Multifamily	Nonresidential		
Berkeley	All-Electric	7/16/2019	N/A	New	New	New	Chapter 12.80	Ord. No. 7,672-N.S
Brisbane	All-Electric	12/12/2019	2/20/2020	<u>New:</u> Exception for cooktops/fireplaces; pre-wire for electric.	<u>New:</u> All-electric	<u>New:</u> Except Life science occupancies and gas specific for profit kitchen	15.83.060	Ord. No. 643
Campbell	All-Electric	2/18/2020	N/A	<u>New:</u> All-electric space/water heating. Natural gas OK for other uses; pre-wire for electric	N/A	N/A	18.18.020	Ord. No 2,260
Cupertino	All-Electric	1/21/2020	4/8/2020	<u>New:</u> All-electric (excluding ADUs)	<u>New:</u> All-electric	<u>New:</u> Exception for Fire, High-Hazard, Laboratory, and "Essential Facilities" occupancies; pre-wire for electric	16.54.100	Ord. No. 19-2193
Hayward	All-Electric	3/17/2020	6/10/2020	<u>New:</u> All-electric (including ADUs > 400 sq. ft.)	<u>New:</u> All-electric OR 10% compliance margin	<u>New:</u> All-electric OR 10% compliance margin (15% for Office/Retail)	9-1.02	Ord. No. 20-05
Healdsburg	All-Electric	12/16/2019	2/20/2020	<u>New:</u> Exception for cooktops, fireplaces, pool/spa; pre-wire for electric	<u>New:</u> Exception for cooktops, fireplaces, pool/spa; pre-wire for electric	<u>New:</u> Exception for cooktops, fireplaces, pool/spa, Essential Services, technical processes; pre-wire for electric	Section 15.04	Ord. No. 1196
Los Altos Hills	All-Electric	2/20/2020		<u>New:</u> All-electric space/water heating (including ADUs). Natural gas OK for other uses; pre-wire for electric	N/A	N/A	Chapter 1.6	Ord. No. 589
Los Gatos	All-Electric	12/17/2019	2/20/2020	<u>New:</u> All-electric (including ADUs); pre-wire for battery storage	N/A	N/A	Chapter 6.70.020	Ord. No. 2299

2019 Code Cycle - Locally Adopted All-Electric Only Ordinances

Jurisdiction	Ord. Type	Council Adopted Date	CEC Approval Date	Scope			Municipal Code Link	Ordinance
				Single Family and Low-rise Multifamily	High-rise Multifamily	Nonresidential		
Menlo Park	All-Electric	9/24/2019	12/11/2019	<u>New</u> : All-electric space/water heating and clothes dryers. Natural gas OK for cooktops/fireplaces; pre-wire for electric	<u>New</u> : All-electric	<u>New</u> : All-electric	Chapter 12.16	Ord. No. 1057
Morgan Hill	All-Electric	10/23/2019	N/A	<u>New</u> : All-electric	<u>New</u> : All-electric	<u>New</u> : All-electric	Chapter 15.63.40	Ord. No. 2306 N.S.
Mountain View	All-Electric	10/22/2019	2/20/2020	<u>New SF and Duplexes</u> : Exception for cooktops/fireplaces; pre-wire for electric. <u>New LR MF</u> : Exception for-profit kitchen cooking equipment	<u>New</u> : exception for F, H, and L occupancies and for-profit kitchen cooking equipment	<u>New</u> : exception for Fire, High-Hazard, and Laboratory occupancies and for-profit kitchen cooking equipment	Sec. 8.20	Ord. No. 17.19
Pacifica	All-Electric	11/25/2019	4/8/2020	<u>New</u> : Exception for ADUs; and cooktops/fireplaces; pre-wire for electric. <u>New LR MF</u> : Exception for-profit kitchen cooking equipment	<u>New</u> : Exception for cooktops/fireplaces; pre-wire for electric	<u>New</u> : exception for Fire and Police occupancies and for-profit kitchen cooking equipment	Section 8-6.01	Ord. No. 852-CS
Palo Alto	All-Electric	12/2/2019	2/20/2020	<u>New</u> : All-electric	<u>New</u> : All-electric OR > 5% compliance margin; electric-ready	<u>New</u> : All-electric OR Office & Retail: >12% compliance margin; Industrial/ Manufacturing + 0%; All other NR occupancies > 5% compliance margin; electric-ready	16.17.80	Ord. No. 5485
Richmond	All-Electric	3/3/2020	6/10/2020	<u>New</u> : All-electric space/water heating and clothes dryers. Natural gas OK for cooktops/fireplaces; pre-wire for electric <u>Replace/Upgrade Equipment</u> : all-electric	<u>New</u> : All-electric	<u>New</u> : Exception for Fire/Police, Life Sciences, For-profit kitchen cooking equipment; pre-wire for electric	Chapter 6.02.100	Ord No. 06-20 NS
San Jose	All-Electric	9/17/2019	N/A	<u>New</u> : All-electric	N/A	N/A	Chapter 17.845	Ord No. 30330

2019 Code Cycle - Locally Adopted All-Electric Only Ordinances

Jurisdiction	Ord. Type	Council Adopted Date	CEC Approval Date	Scope			Municipal Code Link	Ordinance
				Single Family and Low-rise Multifamily	High-rise Multifamily	Nonresidential		
San Mateo County	All-Electric	2/25/2020		<u>New</u> : All-electric	<u>New</u> : All-electric	<u>New</u> : exception for Laboratories, Emergency operations, and for-profit cooking (requires approval)	Section 9200	Ord No. 4824
Santa Cruz	All-Electric	4/14/2020		<u>New</u> : All-electric	<u>New</u> : All-electric	<u>New</u> : All-electric	Chapter 6.100	Ord. No. 2020-06
Santa Rosa	All-Electric	11/12/2019	2/20/2020	<u>New</u> : All-electric	N/A	N/A	Chapter 18-33.040	Ord. No. 2019-019
Saratoga	All-Electric	12/4/2020	4/8/2020	<u>New</u> : All-electric space/water heating. Natural gas OK for cooktops/fireplaces/clothes dryer; pre-wire for electric	<u>New</u> : All-electric space/water heating; pre-wire for electric	<u>New</u> : All-electric space/water heating. Except public agency owned emergency centers; pre-wire for electric	Chapter 16.51.015	Ord. No. 366
Windsor	All-Electric	10/16/2019	2/20/2020	<u>New</u> : All-electric	N/A	N/A	Chapter 7.7.100	Ord. No. 2019-338

This report was prepared for the California Statewide Codes & Standards Program. The program is funded by California utility customers and administered by Pacific Gas and Electric Company, San Diego Gas & Electric Company (SDG&E®), Southern California Gas Company, and Southern California Edison Company under the auspices of the California Public Utilities Commission and in support of the California Energy Commission.

© 2020 Pacific Gas and Electric Company, San Diego Gas and Electric Company, Southern California Gas Company and Southern California Edison.
All rights reserved, except that this document may be used, copied, and distributed without modification